

REMARKS

The claim amendments have been made in order to conform this patent application to customary United States patent practice. All pending claims have been cancelled and rewritten as claims 8-21.

A copy of the amended Abstract is attached for insertion into the application.

Examination and allowance of pending claims 8-21 are respectfully requested.

Respectfully submitted,

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LIQUID-FUEL FEED FUEL CELL, OPERATION MONITORING METHOD FOR MONITORING OPERATION THEREOF, AND OPERATION MONITORING DEVICE

Abstract of the Disclosure

A liquid-fuel feed fuel cell is disclosed with a unit cell that has a structure in which a negative electrode and a positive electrode are opposed with a polymer electrolyte having a proton conductivity interposed between them. A liquid fuel is supplied to the negative electrode and air is supplied to the positive electrode. The liquid-fuel feed fuel cell has a cell stack where unit cells are stacked. Additionally, an operation monitoring method for monitoring the operation and an operation monitoring device are disclosed. To prevent degradation, the liquid-fuel feed fuel cell has at least one of the following functions: increasing the supply of air or liquid fuel, issuing an alarm, decreasing the output current, and stopping the operation of the fuel cell when it is detected that the potential between the negative and positive electrodes monitored for at least one cell is below a predetermined negative potential.